

T05250" 61233660

Figure 1

1	ACCC	TTCT	CGGG	CCCC	CAGT	CTAC	CGCT	TGA	AGGT	GCC	CGCT	CTT	TG	GAG	AGT	GTC	CC	60
61	GGAG	CAG	ACAG	TAT	GGAG	GGG	AGCC	CTCC	CAG	CCCT	CCCC	AAC	GGC	AGC	TGG	CCCC	TGG	120
121	CAGA	ACGG	GAG	TG	TGG	AGAC	CAG	CA	TGG	CAAC	CAG	CC	TCA	CC	TTC	CT	ACT	180
181	CAAC	ACT	CTCT	CT	CGG	TGG	CAG	CCAT	GT	T	CAT	CGG	CC	TAC	GT	GT	CT	240
241	TGCA	TGG	TGG	CA	AAC	CCCT	GGT	CTG	CT	T	CA	T	TG	CT	CA	AG	AA	300
301	GTC	ACCA	ACAT	G	T	T	T	AT	CC	T	CA	AC	T	GG	CG	T	CA	360
361	ATG	CCCA	CA	A	CC	T	T	G	G	A	CA	C	T	T	A	C	T	420
421	AAG	AT	GAG	CG	GG	CT	T	G	T	G	C	A	G	G	C	A	T	480
481	ATC	G	CT	G	T	G	AA	AG	G	T	T	C	G	T	C	A	T	540
541	AAG	CG	CT	G	T	T	C	AC	CA	T	CG	CG	T	A	T	C	T	600
601	GCG	G	T	C	A	CT	CA	CC	CG	AG	AG	CA	T	C	A	T	T	660
661	TCCT	AC	CG	CT	CT	A	CT	CG	T	G	G	AG	GC	T	G	CC	C	720
721	ACCG	CG	T	G	CT	CT	T	C	G	C	A	CA	T	C	A	CT	T	780
781	GTG	CG	CA	TC	CG	CA	AG	CT	A	T	G	C	A	G	C	C	C	840
841	GTG	CCG	AG	GG	T	G	CC	CA	CT	T	C	G	CC	G	T	A	G	900
901	GTG	CG	CT	CT	T	C	A	CG	T	T	G	CT	GG	CT	GC	CA	T	960
961	TAT	G	G	G	A	G	CT	G	C	A	CT	G	C	A	CT	G	T	1020
1021	CAC	T	G	G	CT	G	GC	CT	T	C	C	A	CG	CA	CC	CA	T	1080
1081	AACT	CC	CG	CC	GG	CT	T	C	C	G	T	G	C	A	C	A	G	1140
1141	GCCC	CA	AG	CA	AG	CC	T	A	C	T	C	G	A	G	CG	CC	C	1200
1201	GAC	G	T	G	CA	AC	CC	AG	CA	T	CC	GC	CT	G	CC	CA	T	1260
1261	GGG	CT	G	G	CC	GG	CT	G	C	CA	T	G	G	CG	T	G	G	1320
1321	GGG	CC	AG	G	CT	G	CA	AC	CA	CA	T	G	C	C	CT	CA	C	1380
1381	GAGA	AGG	AG	GG	CC	AG	T	A	G	T	C	CT	G	T	G	G	CCC	1410

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1	M E A E P S Q P P N G S W P L G Q N G S	20
21	D V E T S M A T S L T F S S Y Y Q H S S	40
41	P V A A M F I A A Y V L I F L L C M V G	60
61	N T L V C F I V L K N R H M R T V T N M	80
81	F I L N L A V S D L L V G I F C M P T T	100
101	L V D N L I T G W P F D N A T C K M S G	120
121	L V Q G M S V S A S V F T L V A I A V E	140
141	R F R C I V H P F R E K L T L R K A L F	160
161	T I A V I W A L A L L I M C P S A V T L	180
181	T V T R E E H H F M L D A R N R S Y P L	200
201	Y S C W E A W P E K G M R K V Y T A V L	220
221	F A H I Y L V P L A L I V V M Y V R I A	240
241	R K L C Q A P G P A R D T E E A V A E G	260
261	G R T S R R R A R V V H M L V M V A L F	280
281	F T L S W L P L W V L L L L I D Y G E L	300
301	S E L Q L H L L S V Y A F P L A H W L A	320
321	F F H S S A N P I I Y G Y F N E N F R R	340
341	G F Q A A F R A Q L C W P P W A A H K Q	360
361	A Y S E R P N R L L R R R V V V D V Q P	380
381	S D S G L P S E S G P S S G V P G P G R	400
401	L P L R N G R V A H Q D G P G E G P G C	420
421	N H M P L T I P A W N I	432

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1	M E A E P S Q P P N G S W P L G Q N G S	20
21	D V E T S M A T S L T F S S Y Y Q H S S	40
	I	
41	<u>P V A A M F I A A Y V L I F L L C M V G</u>	60
61	<u>N T L V C F I V L K N R H M R T V T N M</u>	80
	II	
81	<u>F I L N L A V S D L L V G I F C M P T T</u>	100
101	<u>L V D N L I T G W P F D N A T C K M S G</u>	120
	III	
121	<u>L V O G M S V S A S V F T L V A I A V E</u>	140
141	R F R C I V H P F R E K L T L R K <u>A L F</u>	160
	IV	
161	<u>T I A V I W A L A L L I M C P S A V T L</u>	180
181	T V T R E E H H F M L D A R N R S Y P L	200
201	Y S C W E A W P E K G M R K V Y <u>T A V L</u>	220
	V	
221	<u>F A H I Y L V P L A L I V V M Y V R I A</u>	240
241	R K L C Q A P G P A R D T E E A V A E G	260
261	G R T S R R R A R <u>V V H M L V M V A L F</u>	280
	VI	
281	<u>F T L S W L P L W V L L L L I D Y G E L</u>	300
	VII	
301	S E L Q L H L L S V Y A <u>F P L A H W L A</u>	320
321	<u>F F H S S A N P I I Y G Y F N E N F R R</u>	340
341	G F Q A A F R A Q L C W P P W A A H K Q	360
361	A Y S E R P N R L L R R R V V V D V Q P	380
381	S D S G L P S E S G P S S G V P G P G R	400
401	L P L R N G R V A H Q D G P G E G P G C	420
421	N H M P L T I P A W N I	432

Figure 4

1	GAGCCCTCCCAGCCCTCCCAACAGCAGTTGGCCCTAAGTCAGAATGGGACTAACACTGAG	60
61	GCCACCCCGGCTACAAACCTCACCTTCTCCTCTACTATCAGCACACCTCCCCCTGTGGCG	120
121	GCCATGTTTCATTGTGGCCTATGCGCTCATCTTCCTGCTCTGCATGGTGGGCAACACCCCTG	180
181	GTCTGTTTCATCGTGCTCAA	200

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[illegible]

Figure 6

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1 MEAEPSPNGSWPLGQNGSDVETSMATSLTFSSYYQHSSPVAAMFIAAY rNPEF1
  ||||| ||| ||| ||| . ||. ||||| ||| ||| ||| ||| ||
1 ...EPSQPPNSSWPLSQNGTNTTEATPATNLTFSSYYQHTSPVAAMFIVAY hNPEF1

51 VLIFLLCMVGNTLVCFIVL rNPEF1
  ||||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
48 ALIFLLCMVGNTLVCFIVL hNPEF1

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Figure 7

1	60	GCCGACAGGGCTCGCCGGGAGAGGTTTCATCATGAATGAGAAATGGGACACAAACTCTTCA
61	120	GAAAACTGGCATCCCATCTGGAATGTCAATGACACAAAGCATCATCTGTACTCAGATATT
121	180	AATATTACCTATGTGAACACTACTATCTTCACCAGCCCTCAAGTGGCAGCAATCTTCATTATT
181	240	TCCTACTTTCTGATCTTCTTTTGTGCATGATGGAAATACTGTGGTTTGCTTTATTGTA
241	300	ATGAGGAACAAACATATGCACACAGTCACATACTCTCTTCATCTTAAACCTGGCCATAAGT
301	360	GATTTACTAGTTGGCATATTCTGCATGCCCTATAACACTGCTGGACAATATATAGCAGGA
361	420	TGGCCATTTGGAAACACGATGTGCAAGATCAGTGGATTGGTCCAGGGAATATCTGTGCGCA
421	480	GCTTCAGTCTTTACGTTAGTTGCAATTGCTGTAGATAGGTTCCAGTGTGTGCTACCCCT
481	540	TTTAAACCAAAGCTCACTATCAAGACAGCGTTTGTCAATTATGATCATCTGGGTCCTA
541	600	GCCATCACCATTAATGTCTCCATCTGCAGTAATGTTACATGTGCAAGAAGAAATATTAC
601	660	CGAGTGAGACTCAACTCCCAGAATAAAACCACTCCAGTCTACTGGTGCCGGGAAGACTGG
661	720	CCAAATCAGGAAATGAGGAAGATCTACACCACTGTGCTGTTTGCCAAACATCTACCTGGCT
721	780	CCCCTCTCCCTCATTTGTTCATCATGTATGGAAGGATTGGAATTTCACTCTTCAGGGCTGCA
781	840	GTTCCTCACACAGGCAGGAAGAACCAAGGAGCAGTGGCACGTGGTGCCAGGAAGAAGCAG
841	900	AAGATCATTAAGATGCTCCTGATTGTGGCCCTGCTTTTATTCTCTCATGGCTGCCCTG
901	960	TGGACTCTAATGATGCTCTCAGACTACGCTGACCTTTCTCCAAATGAAGTGCAGATCATC
961	1020	AACATCTACATCTACCCCTTTTGACACACTGGCTGGCATTCGGCAACACAGCAGTGTCAATCCC
1021	1080	ATCATTTATGTTTCTTCAACGAGAAATTTCCGCCGTGGTTTCCAAAGAAGCTTTCAGCTC
1081	1140	CAGCTCTGCCAAAAGAGCAAGCCTATGGAAGCTTATGCCCTAAAAGCTAAAAGCCAT
1141	1200	GTGCTCATAAACACATCTAATCAGCTTGTCAGGAATCTACATTTCAAAACCCCTCATGGG
1201	1260	GAAACCTTGCTTTATAGGAAAAGTGCTGAAAAACCCCAACAGGAATTAGTGATGGAAGAA
1261	1302	TTAAAGAAACTACTAACAGCAGTGAGATTTAAAGAGGCTA

1	M	N	E	K	W	D	T	N	S	S	E	N	W	H	P	I	W	N	V	N	20
21	D	T	K	H	H	L	Y	S	D	I	N	I	T	Y	V	N	Y	Y	L	H	40
41	Q	P	Q	V	A	A	I	F	I	I	S	Y	F	L	I	F	F	L	C	M	60
61	M	G	N	T	V	V	C	F	I	V	M	R	N	K	H	M	H	T	V	T	80
81	N	L	F	I	L	N	L	A	I	S	D	L	L	V	G	I	F	C	M	P	100
101	I	T	L	L	D	N	I	I	A	G	W	P	F	G	N	T	M	C	K	I	120
121	S	G	L	V	Q	G	I	S	V	A	A	S	V	F	T	L	V	A	I	A	140
141	V	D	R	F	Q	C	V	V	Y	P	F	K	P	K	L	T	I	K	T	A	160
161	F	V	I	I	M	I	I	W	V	L	A	I	T	I	M	S	P	S	A	V	180
181	M	L	H	V	Q	E	E	K	Y	Y	R	V	R	L	N	S	Q	N	K	T	200
201	S	P	V	Y	W	C	R	E	D	W	P	N	Q	E	M	R	K	I	Y	T	220
221	T	V	L	F	A	N	I	Y	L	A	P	L	S	L	I	V	I	M	Y	G	240
241	R	I	G	I	S	L	F	R	A	A	V	P	H	T	G	R	K	N	Q	E	260
261	Q	W	H	V	V	S	R	K	K	Q	K	I	I	K	M	L	L	I	V	A	280
281	L	L	F	I	L	S	W	L	P	L	W	T	L	M	M	L	S	D	Y	A	300
301	D	L	S	P	N	E	L	Q	I	I	N	I	Y	I	Y	P	F	A	H	W	320
321	L	A	F	G	N	S	S	V	N	P	I	I	Y	G	F	F	N	E	N	F	340
341	R	R	G	F	Q	E	A	F	Q	L	Q	L	C	Q	K	R	A	K	P	M	360
361	E	A	Y	A	L	K	A	K	S	H	V	L	I	N	T	S	N	Q	L	V	380
381	Q	E	S	T	F	Q	N	P	H	G	E	T	L	L	Y	R	K	S	A	E	400
401	K	P	Q	Q	E	L	V	M	E	E	L	K	E	T	T	N	S	S	E	I	420

1	M N E K W D T N S S E N W H P I W N V N	20
21	D T K H H L Y S D I N I T Y V N Y Y L H	40
41	Q P Q <u>V A A I F I I S Y F L I F F L C M</u>	60
61	<u>M G N T V V C F I V M</u> R N K H M H T V T	80
81	<u>N L F I L N L A I S D L L V G I F C M P</u>	100
101	<u>I T L L</u> D N I I A G W P F G N T M C K I	120
121	S G <u>L V O G I S V A A S V F T L V A I A</u>	140
141	<u>V D R F Q C V V Y P F K P K L T I K T A</u>	160
161	<u>F V I I M I I W V L A I T I M S P S A V</u>	180
181	M L H V Q E E K Y Y R V R L N S Q N K T	200
201	S P V Y W C R E D W P N Q E M R K I Y T	220
221	<u>T V L F A N I Y L A P L S L I V I M Y G</u>	240
241	<u>R I G I S L</u> F R A A V P H T G R K N Q E	260
261	Q W H V V S R K K Q K <u>I I K M L L I V A</u>	280
281	<u>L L F I L S W L P L W T' L M M L S</u> D Y A	300
301	D L S P N E L Q I I N I Y I <u>Y P F A H W</u>	320
321	<u>L A F G N S S V N P I I Y G F F N E N F</u>	340
341	R R G F Q E A F Q L Q L C Q K R A K P M	360
361	E A Y A L K A K S H V L I N T S N Q L V	380
381	Q E S T F Q N P H G E T L L Y R K S A E	400
401	K P Q Q E L V M E E L K E T T N S S E I	420

Figure 10

rNPFF1	MEAEPSQP PNGSWGPLGQNGSDVETSMAT..SLTFSSYYQHSSPVAAMFIA	48
hNPFF2	MNEKWD TNSS ENWHPIWNVNDTKHHL YSDINITYVNYYLHQ PQVAAIFII	50
rNPFF1	AYVLIFLLCMVGNTLVCFIVLKNRHMRTVTNMFILNLAVSDLLVGIFCMP	98
hNPFF2	SYFLIFFLCMMGNTVVC FIVMRNKHMH TVTNLFILNLAISDLLVGIFCMP	100
rNPFF1	TTLVDNLITGWPF DNATCKMSG L VQGM SVSASVFTLV AIAVERFR CIVHP	148
hNPFF2	1TLLDN11AGWPF GNTMCKI SGLVQGISVAASVFTLV AIAVDRFQCVVYP	150
rNPFF1	FREKLTLRKALFTIAVIWALALLIMCPSAVTLTVTREEHH.FMLDARNRS	197
hNPFF2	EKPKLTIKTAFV IIMIIWVLAITIMSPSAVMLHVQEEKYYRVRLNSQNKT	200
rNPFF1	YPLYSCWEAWPEKGMRKVYTAVLFAHIYLVPLALIVVMYVRIARKLCQAP	247
hNPFF2	SPVYWCRE DWPNQEMRKIYTTVL FANIY LAPLSLIVIMYGRIGISLFRAA	250
rNPFF1	GPA RDTEEAVAEGGRTSRRRRARVVHMLVMVALFFTL SWLPLWV LLLLIDY	297
hNPFF2	VPHTGRKNQ.EQWHVVS RKKQKIIKMLLIVALLFILSWLPLWTLMMLS DY	299
rNPFF1	GELSELQLHLLSVYAFPLAHLA FFHSSANPIIYG YFNENFRRGFQAAFR	347
hNPFF2	ADLSPNELQIINIYIYPFAH WLA FG NSSVNPIIYGFFNENFRRGFQEA FQ	349
rNPFF1	AQLCWPPWAAHKQAYSERPNRLLRRRVVDVQPSDSGLP.SESGPSSGVP	396
hNPFF2	LQLCQKRAKPMEAYALKAKSHVLINTSNQLVQESTFQNP HGETLLYRKSA	399
rNPFF1	GPGR LPLRNGRVAHQDGPGE GPGCNH MPLTIPAWNI	432
hNPFF2	EKPQQELVMEELKET TNSSEI.....	420

Figure 11

1 ATGAGGGGAGCCCTCCAGCCTCCCAACAGCAGTTGGCCCCTAAGTCAGAATGGGACT 60
 61 AACACTGAGGCCACCCCGGCTACAAACCTCACCTTCTCCTCTACTATCAGCACACCTCC 120
 121 CCTGTGGCGCCATGTTCAATTGTGGCCTATGCGCTCATCTTCTGTCTGTGCATGGTGGC 180
 181 AACACCCCTGGTCTGTTTCATCGTGTCTAAGAACCAGGCACATGCATAC'TGTACCAACATG 240
 241 TTCATCCTCAACCTGGCTGTCACTGACCTGCTGGTGGGCATCTTCTGCAATGCCCAACCACC 300
 301 CTTGTGGACAACCTCATCACTGGGTGGCCCTTCGACAATGCCACATGCAAGATGAGCGGC 360
 361 TTGGTGCAGGGCATGTCTGTGTGGCTTCCGTTTTCACACTGGTGGCCATTGCTGTGGAA 420
 421 AGGTTCCGCTGCATCGTGCACCCCTTCCGGGAGAAAGCTGACCCCTGCGGAAGGCGCTCGTC 480
 481 ACCATCGCCGTCACTTGGCCCTGGCGCTGCTCATCATGTGTCCCTCGGCCGTACGCTG 540
 541 ACCGTCAACCCGTGAGGAGCACCACTTTCATGGTGGACGCCCGCAACCGCTCCTACCCCTCTC 600
 601 TACTCCTGCTGGGAGGCCCTGGCCCCGAGAAGGCCATGCGCAGGGGTCTACACCACTGTGCTC 660
 661 TTCTCGCACATCTACCTGGCGCCGCTGGCGCTCATCGTGGTTCATGTACGCCCGCATCGCG 720
 721 CGAAGCTCTGCCAGGCCCGGGCCCGGCCCGGGGCGGAGAGGCTGCGGACCCCGCA 780
 781 GCATCGCGGCGCAGAGCGCGGTGGTGACATGCTGGTTCATGGTGGCGCTGTCTTCACG 840
 841 CTGTCTGCTGGCTGCCGCTCTGGGCGCTGCTGCTCATCGACTACGGGCAGCTCAGCGCG 900
 901 CCGCAGCTGCACCTGGTCAACCGTCTACGCCCTTCCCTTCGCGCACTGGCTGGCCTTCTTC 960
 961 AACAGCAGCGCCAACCCCATCATCTACGGCTACTTCAACGAGAACTTCCGCCCGGGCTTC 1020
 1021 CAGGCCGCCCTTCCGGCCCGCCCTCTGCCCGGCCCGCTCGGGGAGCCACAAGGAGGCCCTAC 1080
 1081 TCCGAGCGGCCCGGGGCTTCTGCACAGGCGGGTCTTCGTGGTGGTGGCGCCAGCGAC 1140
 1141 TCCGGGCTGCCCTCTGAGTCGGGCCCTAGCAGTGGGGCCCCCAGGCCCGGCCCTCCCG 1200
 1201 CTGCGGAATGGGCGGGTGGCTCACCAACGGCTTGCCCCAGGAAGGCCCTGGCTGCTCCCCAC 1260
 1261 CTGCCCCCTACCAATTCAGCCCTGGGATATCTGA 1293

Figure 12

1 M E G E P S Q P P N S S W P L S Q N G T 20
 21 N T E A T P A T N L T F S S Y Y Q H T S 40
 41 P V A A M F I V A Y A L I F L L C M V G 60
 61 N T L V C F I V L K N R H M H T V T N M 80
 81 F I L N L A V S D L L V G I F C M P T T 100
 101 L V D N L I T G W P F D N A T C K M S G 120
 121 L V Q G M S V S A S V F T L V A I A V E 140
 141 R F R C I V H P F R E K L T L R K A L V 160
 161 T I A V I W A L A L L I M C P S A V T L 180
 181 T V T R E E H H F M V D A R N R S Y P L 200
 201 Y S C W E A W P E K G M R R V Y T T V L 220
 221 F S H I Y L A P L A L I V V M Y A R I A 240
 241 R K L C Q A P G P A P G G E E A A D P R 260
 261 A S R R R A R V V H M L V M V A L F F T 280
 281 L S W L P L W A L L L L I D Y G Q L S A 300
 301 P Q L H L V T V Y A F P F A H W L A F F 320
 321 N S S A N P I I Y G Y F N E N F R R G F 340
 341 Q A A F R A R L C P R P S G S H K E A Y 360
 361 S E R P G G L L H R R V F V V V R P S D 380
 381 S G L P S E S G P S S G A P R P G R L P 400
 401 L R N G R V A H H G L P R E G P G C S H 420
 421 L P L T I P A W D I 430

105250" 81299600
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1	M E G E P S Q P P N S S W P L S Q N G T	20
21	N T E A T P A T N L T F S S Y Y Q H T S	40
	I	
41	<u>P V A A M F I V A Y A L I F L L C M V G</u>	60
61	<u>N T L V C F I V</u> L K N R H M H T V <u>T N M</u>	80
	II	
81	<u>F I L N L A V S D L L V G I F C M P T T</u>	100
101	<u>L V D N L I T G W P F D N A T C K M S G</u>	120
	III	
121	<u>L V O G M S V S A S V F T L V A I A V E</u>	140
141	R F R C I V H P F R E K L T L R K <u>A L V</u>	160
	IV	
161	<u>T I A V I W A L A L L I M C P S A V T L</u>	180
181	T V T R E E H H F M V D A R N R S Y P L	200
201	Y S C W E A W P E K G M R R V Y <u>T T V L</u>	220
	V	
221	<u>F S H I Y L A P L A L I V V M Y A R I A</u>	240
241	R K L C Q A P G P A P G G E E A A D P R	260
	VI	
261	A S R R R A R <u>V V H M L V M V A L F F T</u>	280
281	<u>L S W L P L W A L L L L I D Y G Q L S A</u>	300
301	P Q L H L V T V Y A <u>F P F A H W L A F F</u>	320
	VII	
321	<u>N S S A N P I I Y G Y F N E N F R R G F</u>	340
341	Q A A F R A R L C P R P S G S H K E A Y	360
361	S E R P G G L L H R R V F V V V R P S D	380
381	S G L P S E S G P S S G A P R P G R L P	400
401	L R N G R V A H H G L P R E G P G C S H	420
421	L P L T I P A W D I	430

hNPFF2	1	MNEKWDTNSSSENWHPIWNVNDTKHHLYSDINITYVNYYLHQPVAAIFII	50
		. : . . : : . . :	
hNPFF1	1	..MEGEPSQPPNSSWPLSQNGTNTTEATPATNLTFSSYYQHTSPVAAMFIV	48
hNPFF2	51	SYFLIFFLCMMGN TVVCFIVMRNKHMH TVTNLFILNL AISDLLVGIFCMP	100
		. . : : :	
hNPFF1	49	AYALIFLLCMVGNTLVCFIVLKNRHMHTVTNMFILNLAVSDLLVGIFCMP	98
hNPFF2	101	ITLLDNIIAGWPF GNTMCKISGLVQGISVAASVFTLV AIAVDRFQCVVYP	150
		. : . . : :	
hNPFF1	99	TTLVDNLITGWPF DNATCKMSGSLVQGMSVSASVFTLV AIAVERFRCIVHP	148
hNPFF2	151	FKPKLTIKTA FVIIMI IWVLAITIMSPSAVMLHVQEEKYYRVR LNSQNKT	200
		: : : : : : : . . . : .	
hNPFF1	149	FREKLT LRKALVTI A VIWALALLIMCPSAVTTLTV TREEHH.FMVDARNRS	197
hNPFF2	201	SPVYWCRE DWPNQEMRKIYTTVLFANIYLAPLSLIVIMYGRIGISLFRAA	250
		. . : . :	
hNPFF1	198	YPLYSCWEAWPEKGMR RVYTTVLF SHIYLAPLALIVVMYARIARKLCQAP	247
hNPFF2	251	VPHTGRKNQE QWHVVS RKKQKIIKMLLIVALLFILSWLPLWLTMLMSDYA	300
		. : : : . : :	
hNPFF1	248	GPAPGGE EAADPR.ASRRRARV VHMLVMVALFFTLSWLPLWALLLLIDYG	296
hNPFF2	301	DLSPNELQIINIYIYPFAHWLA FGNSSVNPIIYGFFNENFRRGFQEA FQL	350
		: : : : : :	
hNPFF1	297	QLSAPQLHLVT VYAFPF AHWLAFFNSSANPIIYG YFNENFRRGFQA AFRA	346
hNPFF2	351	QLCQKRAKPMEAYALKAKSHVLINTSNQLVQESTFQNP HGETLLYRKSAE	400
		. : : :	
hNPFF1	347	RLC.PRPSGSHKEAYSERPGGL LHRRVFVVVRPSDSGLPSESGPSSGAPR	395
hNPFF2	401	KPQQELVMEELKET TNSSEI*.....	420
		
hNPFF1	396	PGRLPLRNGRVAHHGLPREGPGCSH LPLTIPAWDI*	431

Figure 15A

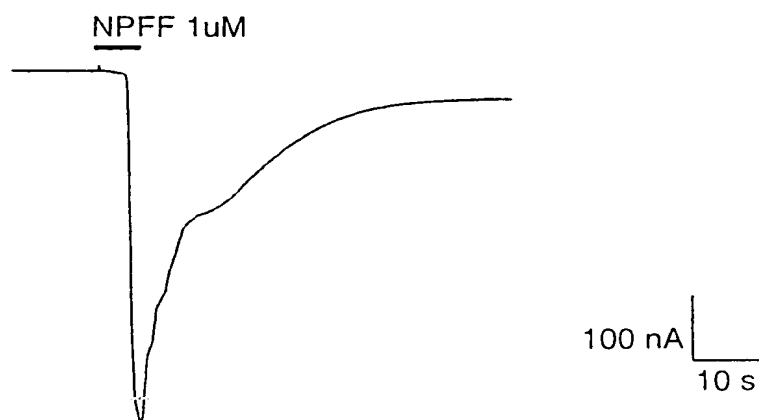


Figure 15B

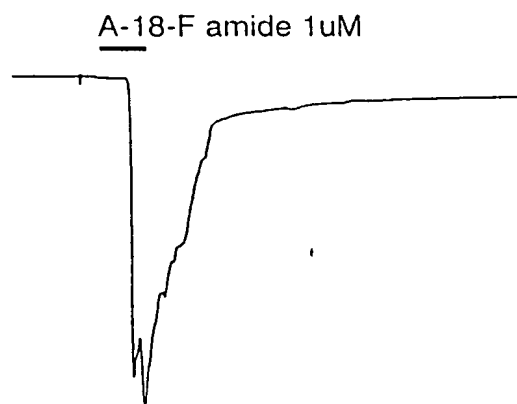


Figure 15C

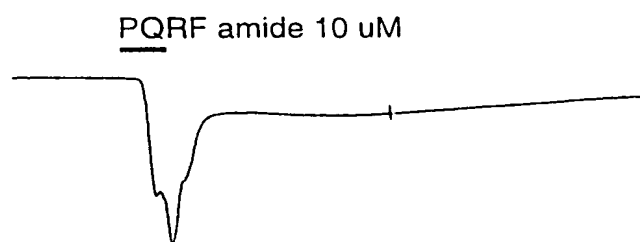


Figure 16A

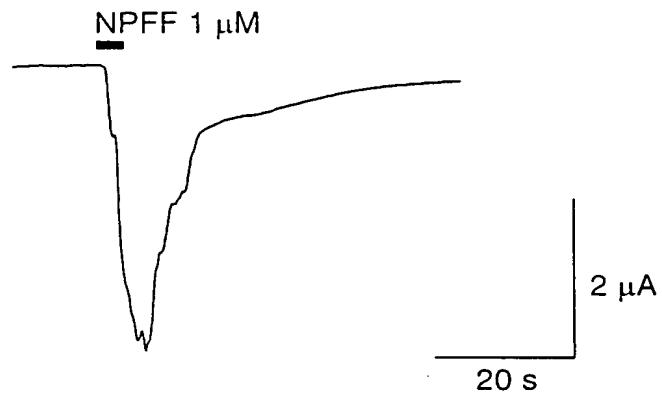


Figure 16B

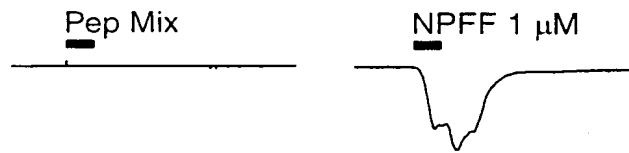


Figure 16C

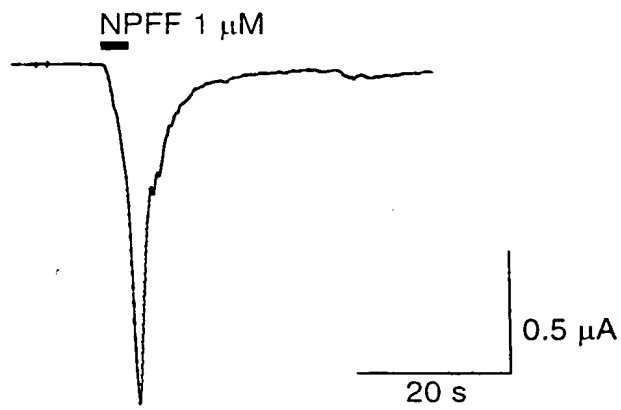


Figure 17A

Microphysiometer:
Snorf2 (+/- G_o/G_z) in CHO

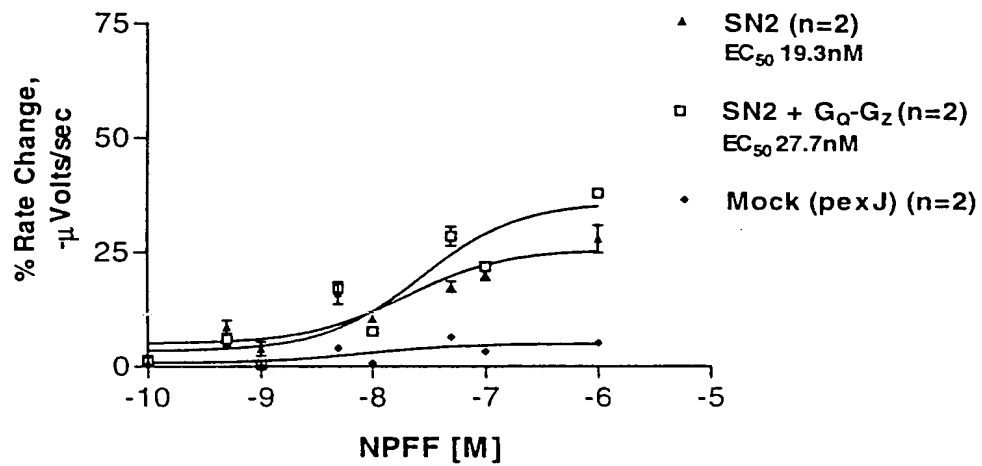


Figure 17B

Microphysiometer:
Snorf2 in CHO

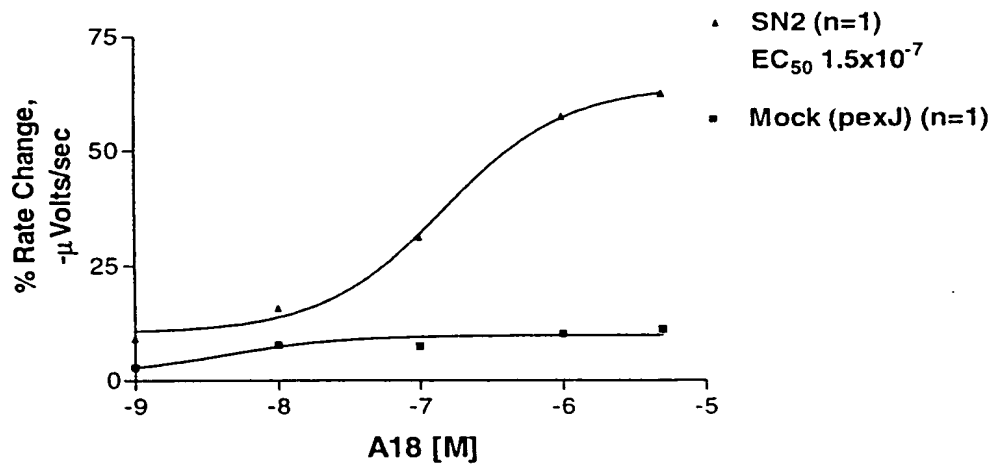


Figure 18A

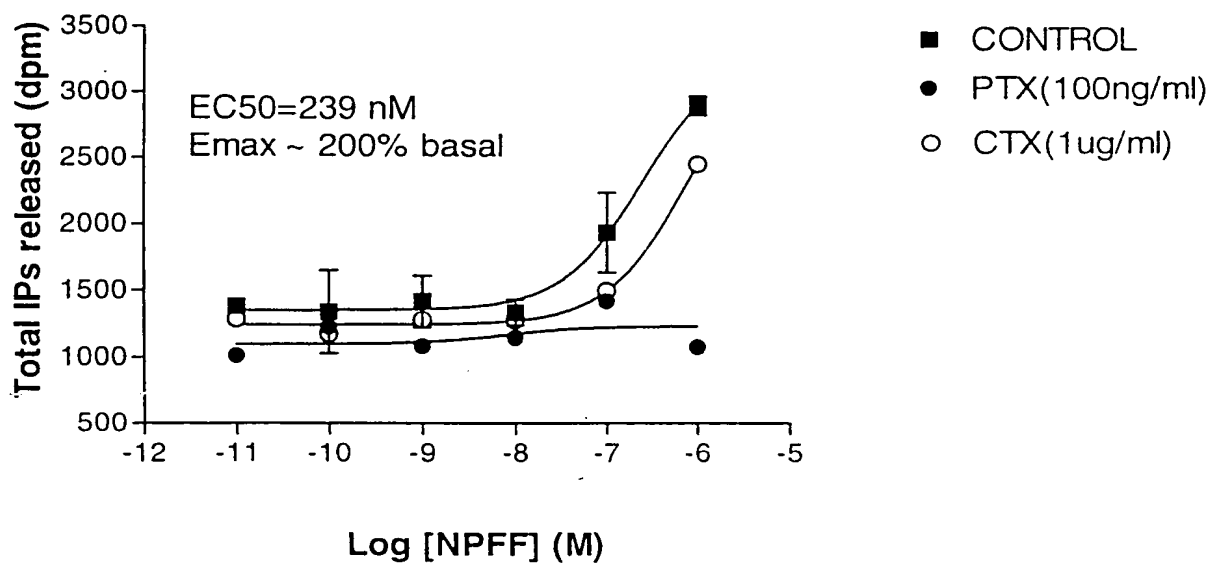


Figure 18B

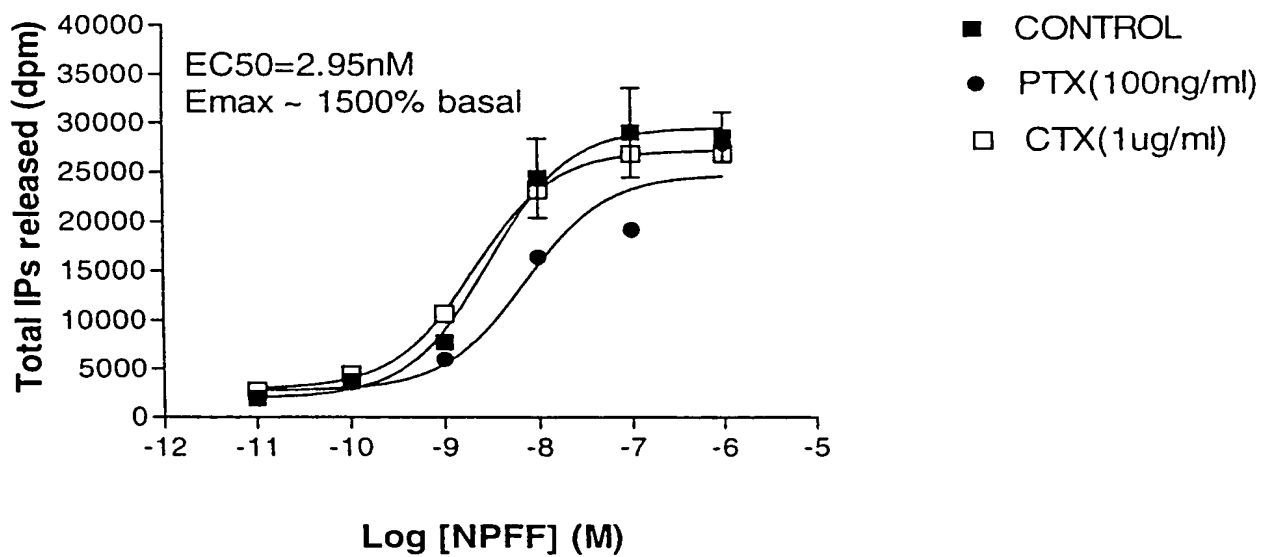
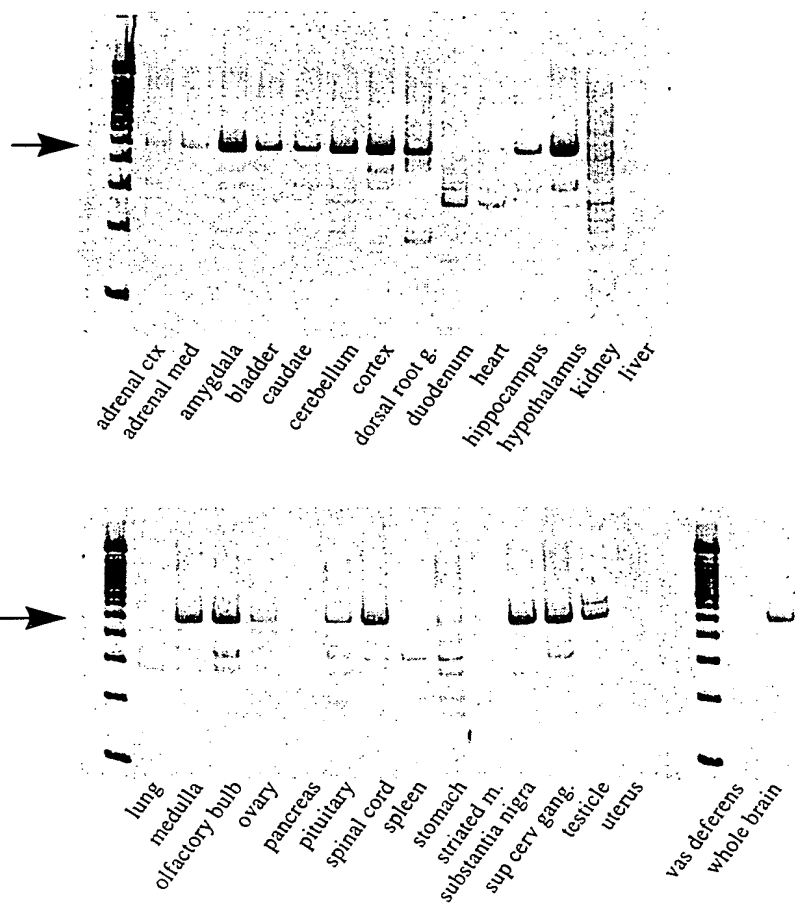
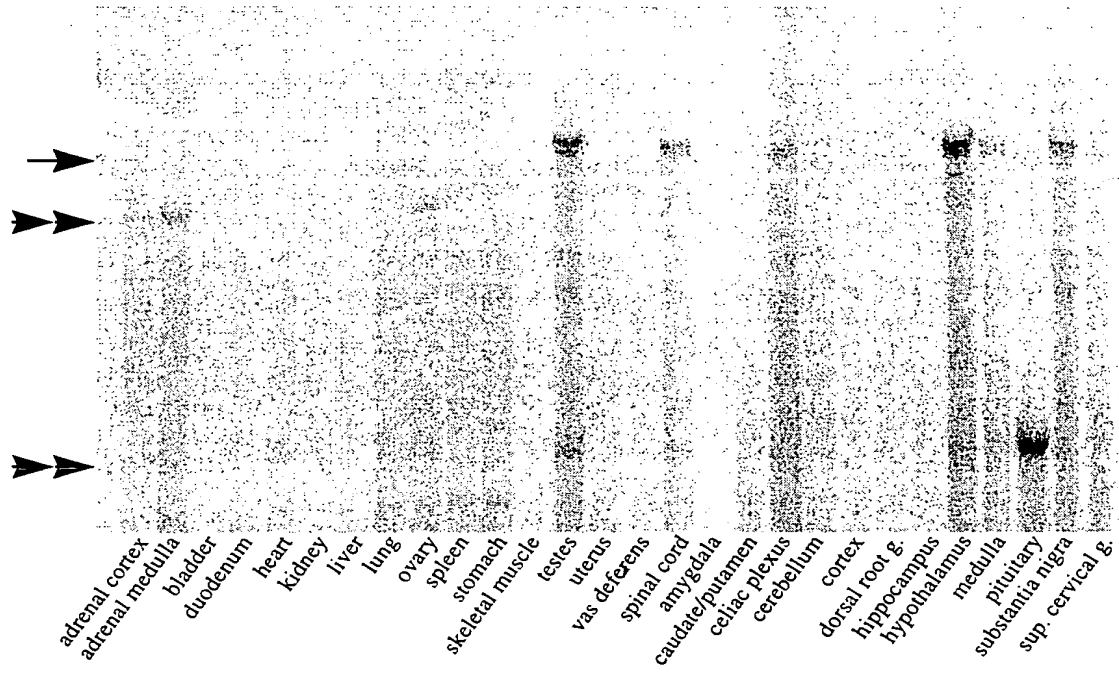


Figure 19



T05250" 61255360

Figure 20



105750 81259850

Figure 21

